

13. (Amended) Process according to Claim 9, characterized in that additional process energy is supplied by burning a gas with an oxidant, where either

14. (Amended) Process according to Claim 9, characterized in that powder materials having an average particle size of from 0.1 to 10 μ m are obtained.

15. (Amended) Process according to Claim 9, characterized in that the powder materials obtained do not comprise hard agglomerates.

16. (Amended) Process according to Claim 9, characterized in that the molecular weight fraction of any desired component of the powder material obtained differs by a maximum of 1.5% compared with the corresponding molecular weight fraction in the precursor solution, based on the corresponding molecular weight fraction in the precursor solution.